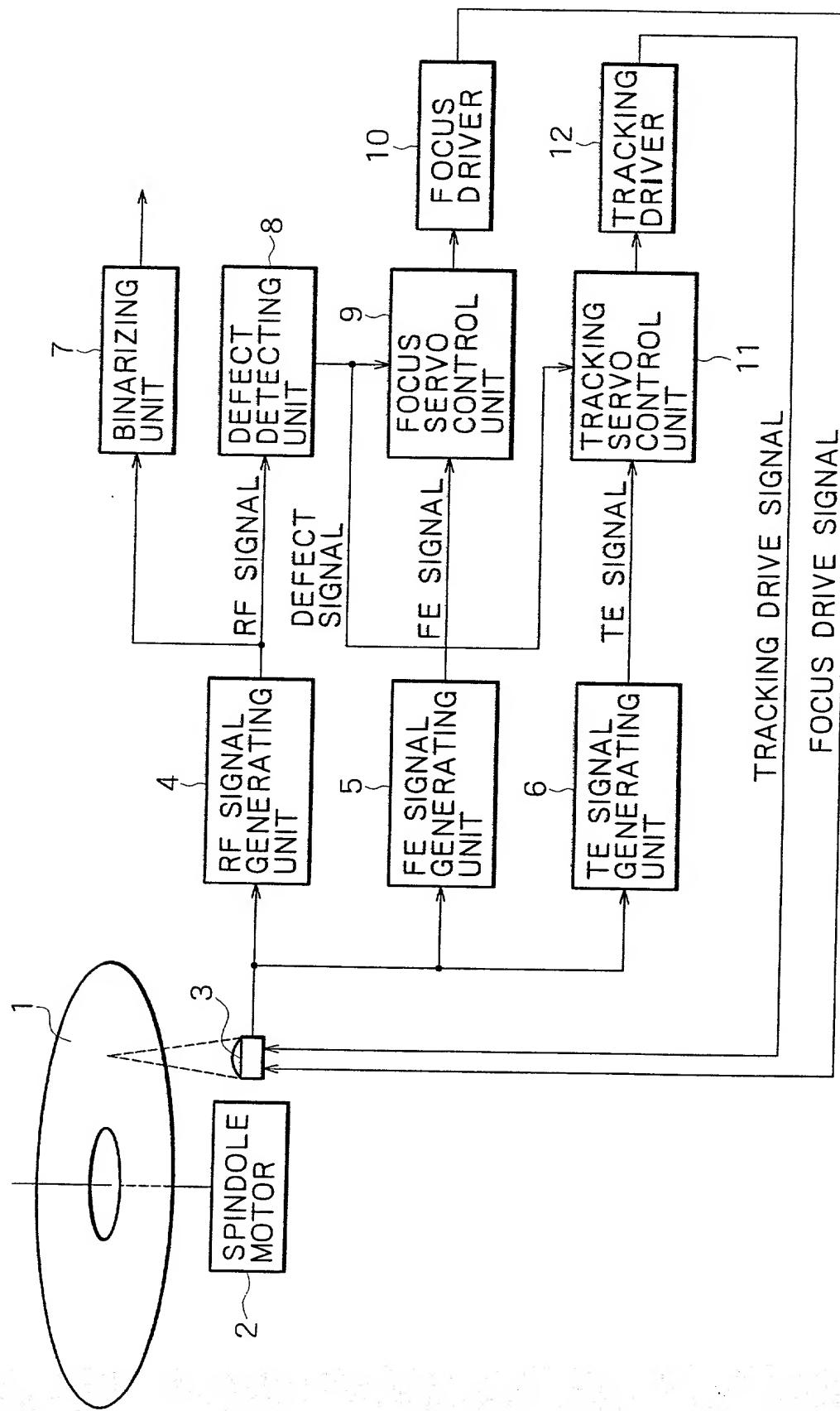


FIG. 1



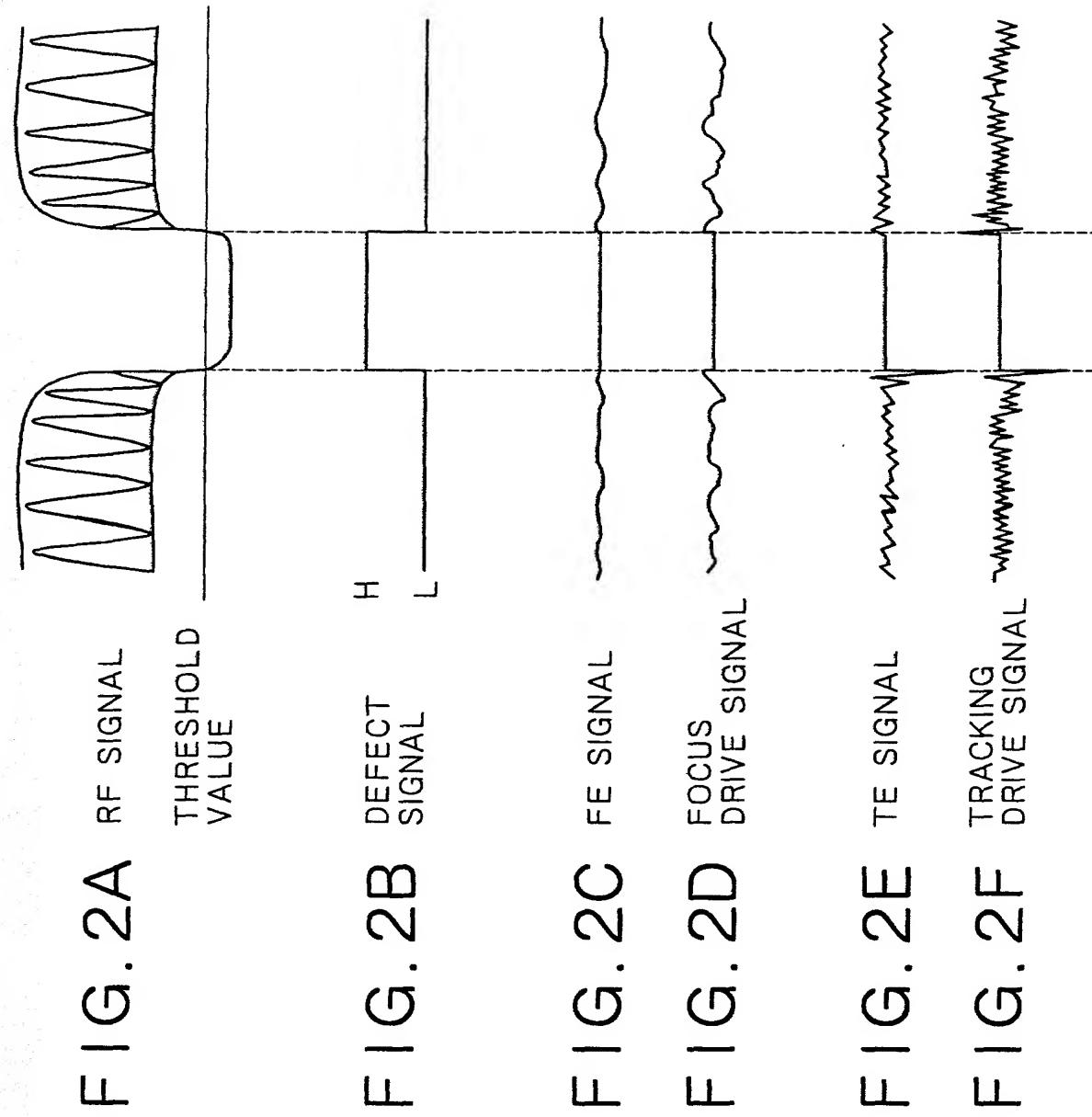


FIG. 3A

DEFECT
SIGNAL

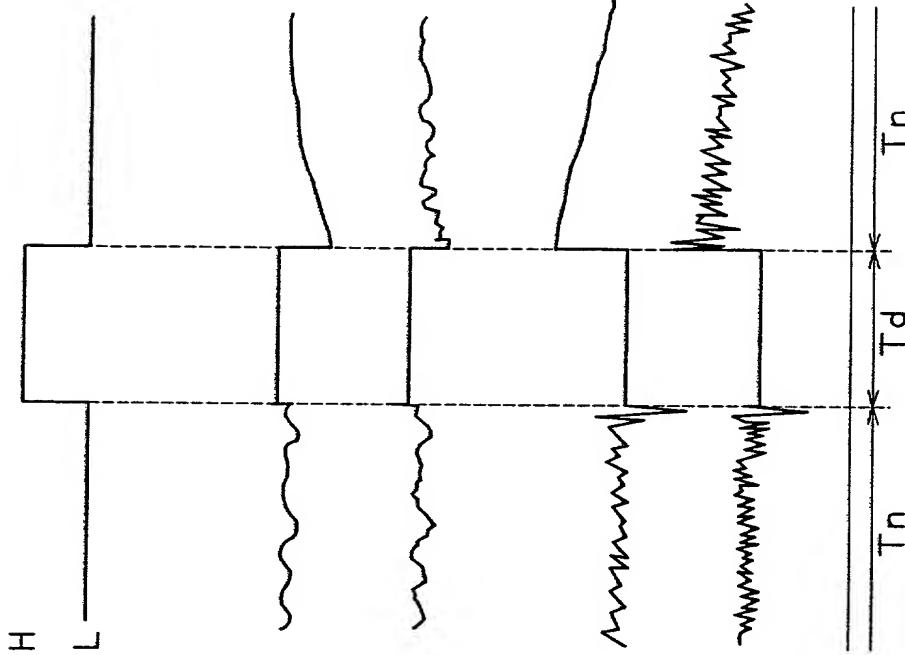


FIG. 3B

FE SIGNAL

FIG. 3C

FOCUS
DRIVE SIGNAL

FIG. 3D

TE SIGNAL

FIG. 3E

TRACKING
DRIVE SIGNAL

T_n T_d T_n

FIG. 4

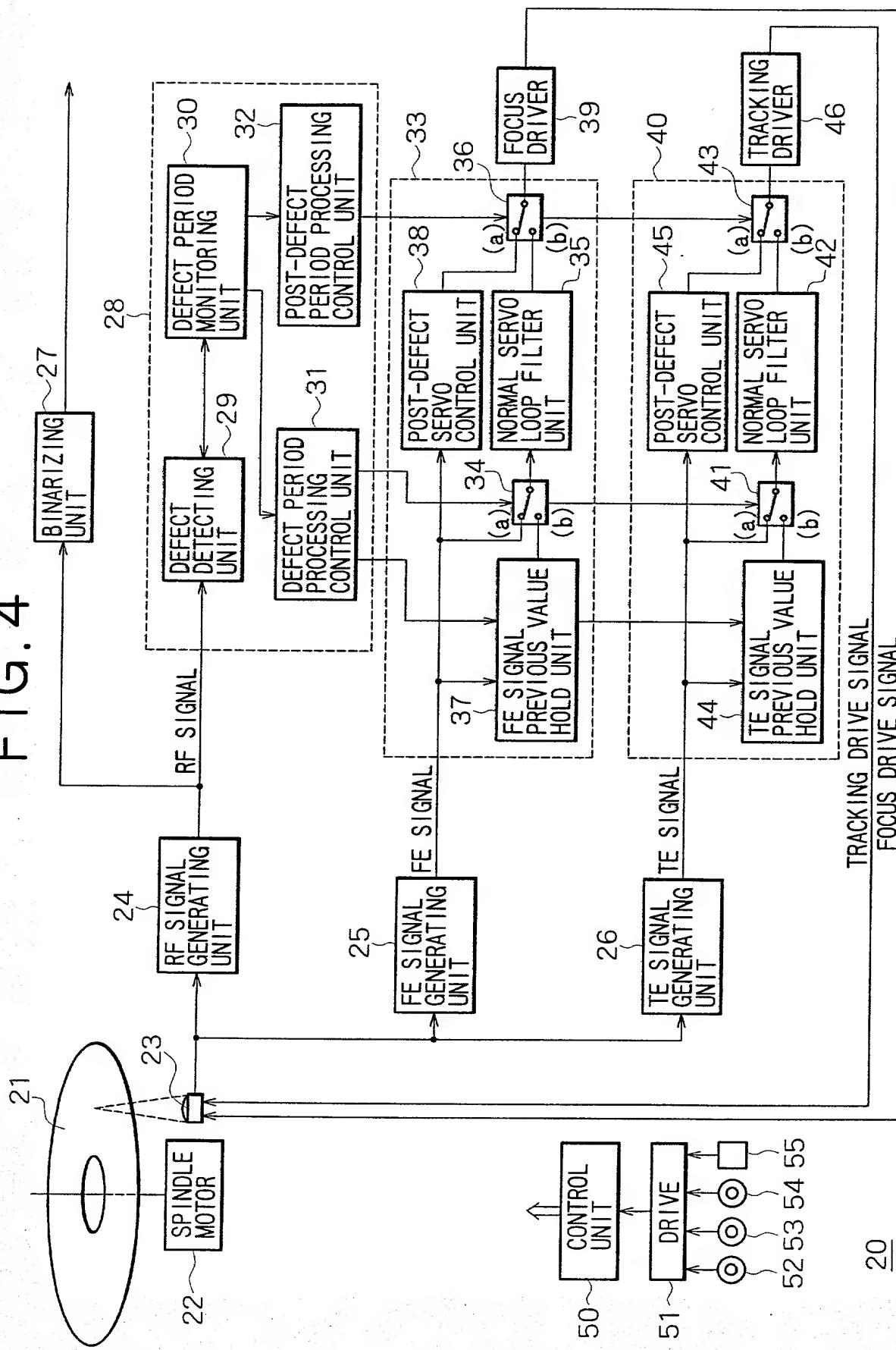


FIG. 5

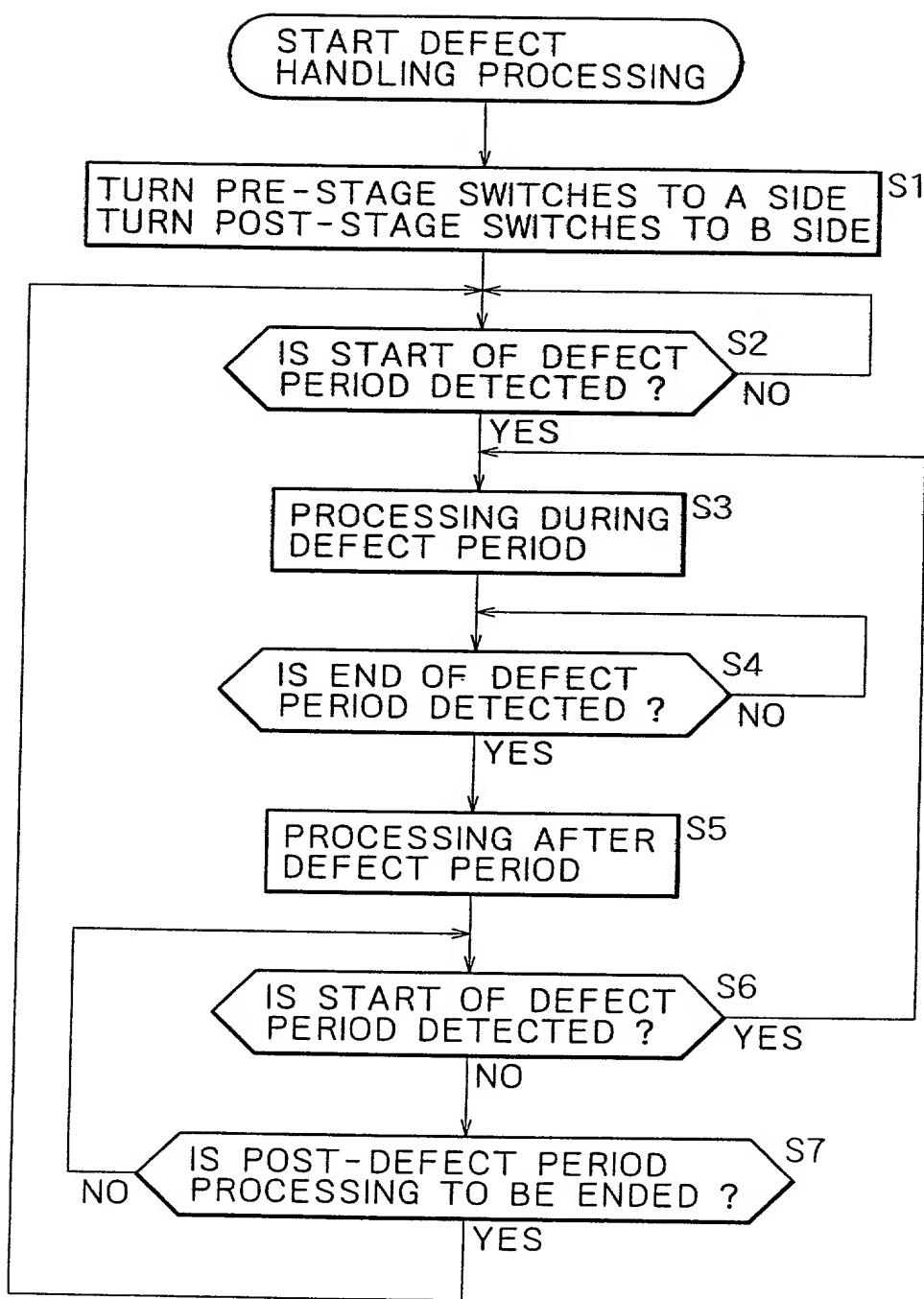


FIG. 6A

DEFECT
SIGNAL

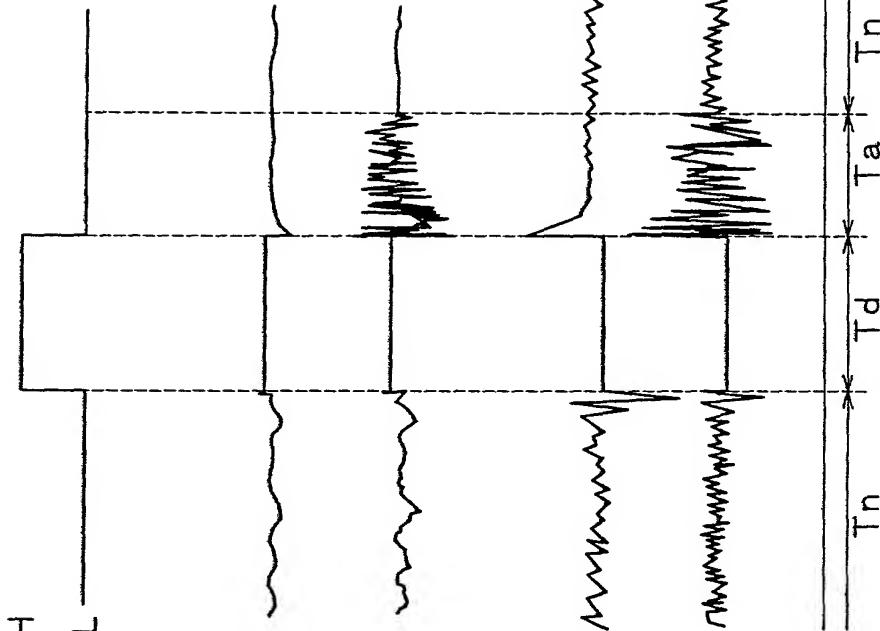


FIG. 6B

FE SIGNAL

FIG. 6C

FOCUS
DRIVE SIGNAL

FIG. 6D

TE SIGNAL

FIG. 6E

TRACKING
DRIVE SIGNAL

T_n T_d T_a T_n

FIG. 7A

DEFECT
SIGNAL



FIG. 7B

FE SIGNAL

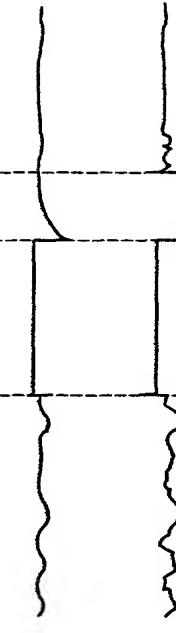


FIG. 7C

FOCUS
DRIVE SIGNAL



FIG. 7D

TE SIGNAL

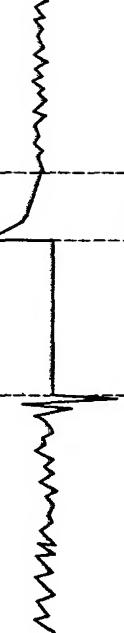
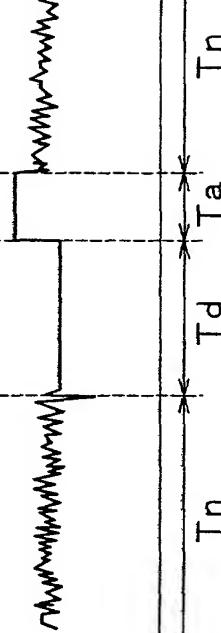


FIG. 7E

TRACKING
DRIVE SIGNAL



Trn Td Ta Trn

FIGURE EIGHT

FIG. 8A

DEFECT
SIGNAL

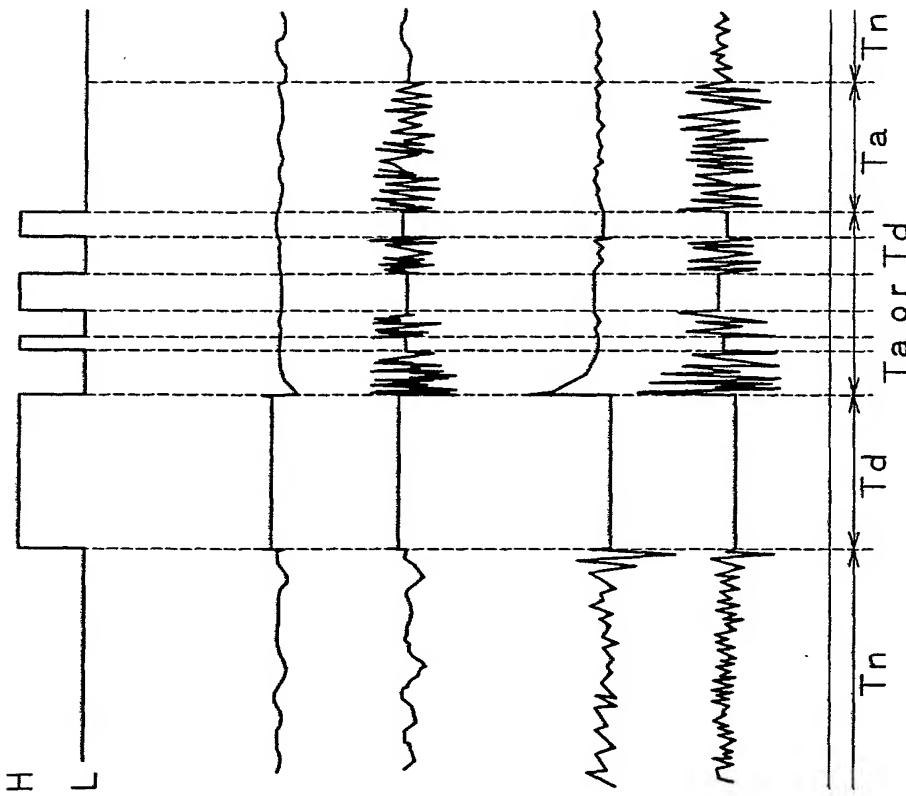


FIG. 8B FE SIGNAL

FOCUS
DRIVE SIGNAL

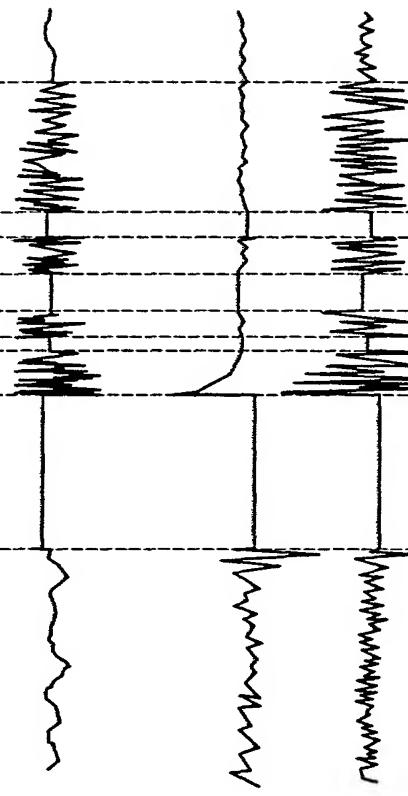


FIG. 8C TE SIGNAL

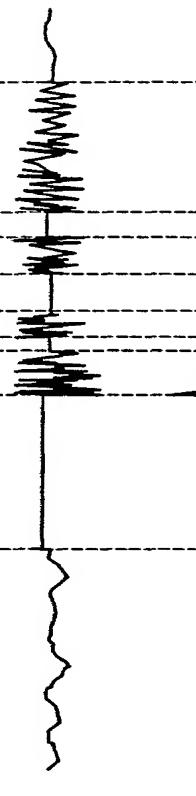


FIG. 8D TRACKING
DRIVE SIGNAL



FIGURE 9. IMAGE RECORD

FIG. 9A

DEFECT
SIGNAL

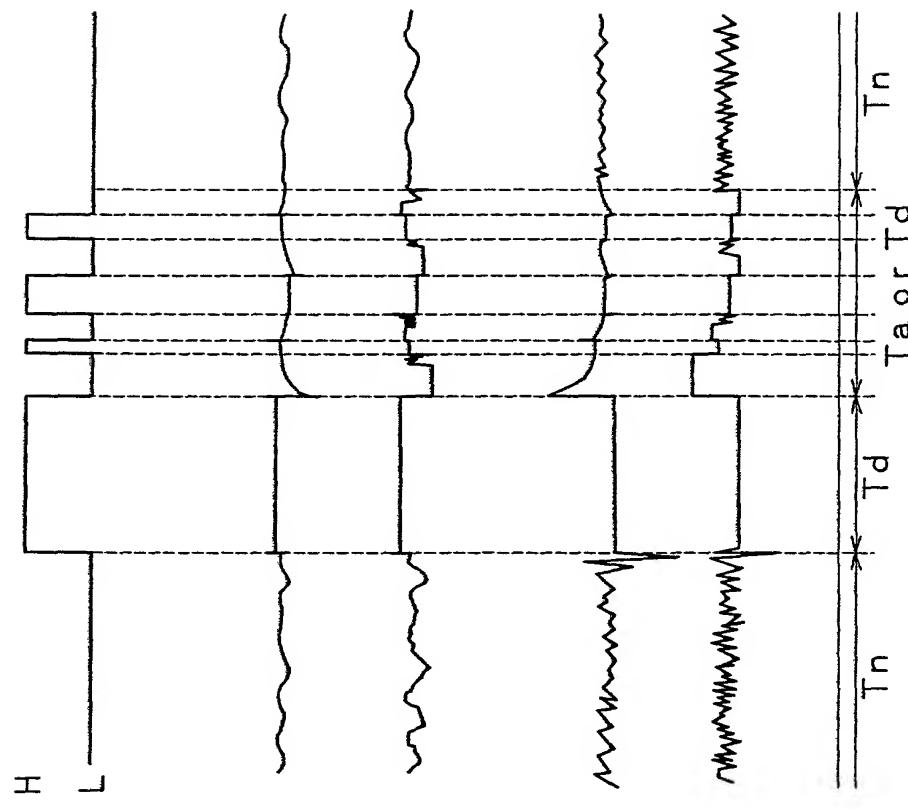


FIG. 9B

FE SIGNAL

FIG. 9C

FOCUS
DRIVE SIGNAL

FIG. 9D

TE SIGNAL

FIG. 9E

TRACKING
DRIVE SIGNAL

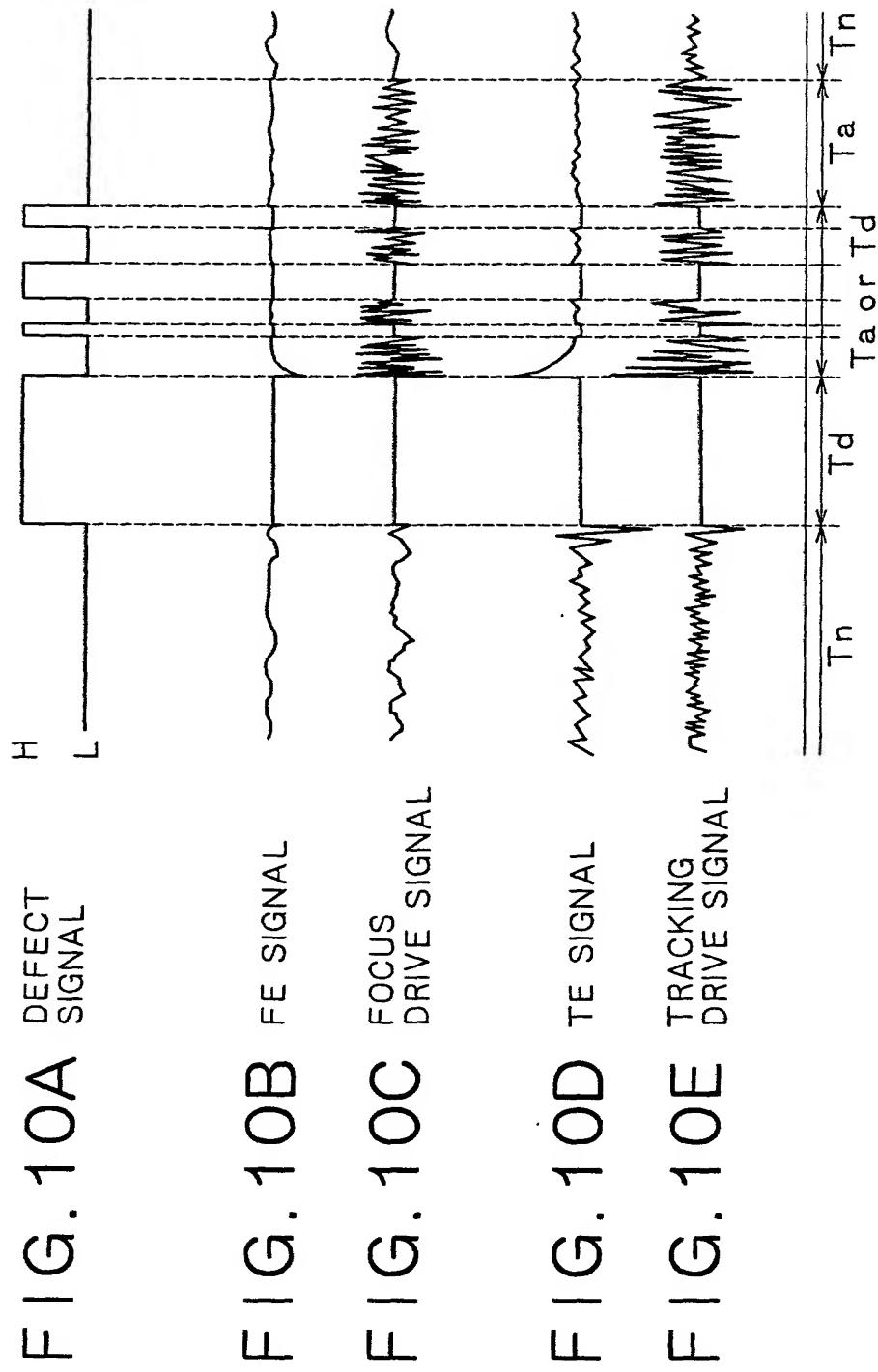


FIG. 11A DEFECT SIGNAL

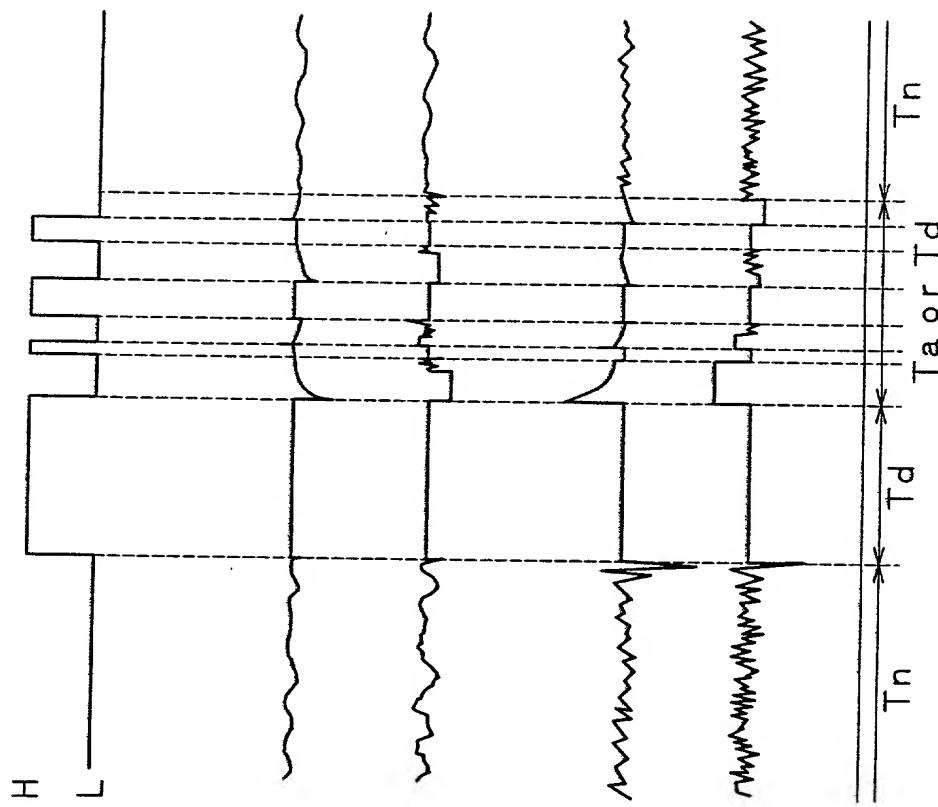


FIG. 11B FE SIGNAL

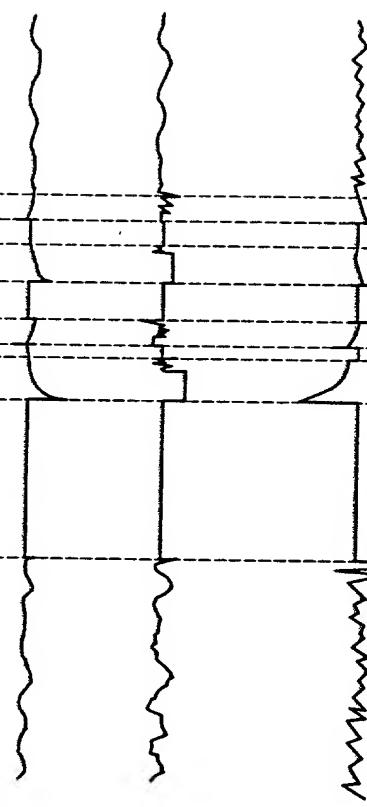


FIG. 11C FOCUS DRIVE SIGNAL

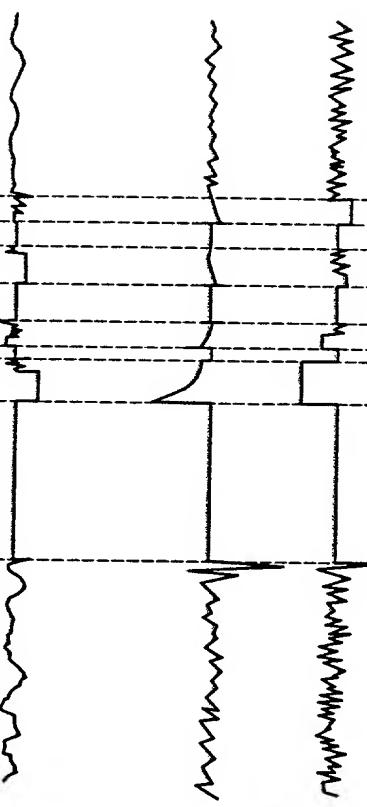


FIG. 11D TE SIGNAL

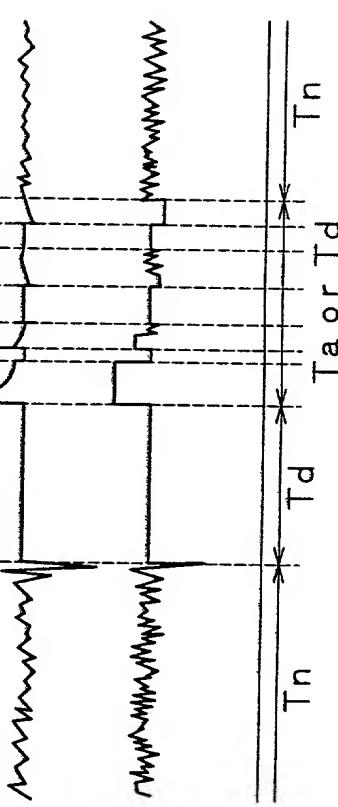


FIG. 11E TRACKING DRIVE SIGNAL